



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Kousuke SUZUKI

Application No.: 09/787,364

Filed: May 29, 2001

#11B  
7/8/03  
JRC  
Group Art Unit: 2851

Examiner: P. Kim

Docket No.: 108946

For: IMAGE FORMATION CHARACTERISTICS ADJUSTMENT METHOD FOR PROJECTION OPTICAL SYSTEM (As Amended)

AMENDMENT UNDER 37 C.F.R. §1.111

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the September 24, 2002 Office Action, the period for reply being extended by the attached Petition for Extension of Time, please amend the above-identified application as follows:

IN THE TITLE:

Please replace the title so that it reads as follows:

-- IMAGE FORMATION CHARACTERISTICS ADJUSTMENT METHOD FOR  
PROJECTION OPTICAL SYSTEM --

IN THE SPECIFICATION:

Page 9, lines 1-17, delete current paragraph and insert therefor:

In this case, if the change amount  $k_5 \cdot \Delta\lambda$  of the relative refractive index nr in the formula (A4) is equal to the change amount  $k_4 \cdot \Delta P (= \Delta nr)$  of the relative refractive index nr in the formula (A3), then the optical path of the illumination light when only the wavelength  $\lambda$  is changed for  $\Delta\lambda$  is equal to the optical path 52A when only the barometric pressure is